

**Notice of Allowability**

Application No.

09/277,298

Examiner

Taghi T. Arani

Applicant(s)

CARTER, GEORGE E.

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/19/2005.
2. ☒ The allowed claim(s) is/are 1,2,5-11,13,14 and 16-35.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

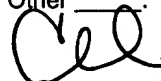
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 03/26/99,12/30/02
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Primary Examiner  
AU2131  
01/11/05

**Examiner's Statement of Reasons for Allowance**

Claims 1-2, 5-11, 13-14, and 16-35 are allowed over prior art of record.

The following is an examiner's statement of reasons for the indication of allowable claimed subject matter.

Prior art of record, Knappe teaches a codec proxy system which allow non-standard or feature specific packet voice endpoints (i.e. telephony clients with different communication stacks or codec) to interoperate in a standard-based network.

Knappe does not teach inserting an encryption algorithm within a communication path between a first telephony client and a second telephony client and between a first telephony client and a sound device (recited in claim 1, 7, 8, 11 and 17).

Kavsan teaches such encryption algorithm wherein encryption and decryption are performed at the kernel space independent of application space.

Kavsan does not teach an encryption algorithm between I/O supervisor and device driver.

None of the prior art of record, either taken by itself or in any combination, would have anticipated or made obvious at the time the invention was made (filing date of 03/26/1999) formatting audio signals after encryption and interpreting the signals formatted independently before decryption, wherein encryption is independent of both formatting and telephony clients recited in independent claims 13, 17 18, 19,20, 21, 29, 30, 31. That is, the security features disclosed in prior art are tightly integrated with formatting modules that vary between different types of telephony applications and that

the security algorithms are dependent on the formatting algorithms that are specifically designed for a particular telephony application.

Dependent claims 2, 5, 6, 9-10, 14, 16, 22-28 and 32-35 are also allowed over prior art by virtue of their dependencies.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Conclusion**

Prior arts made of record, not relied upon:

BETTER ONLINE SOULUTION: BOS APPOINTS e-distribution for new IP telephony solution< M2 Presswire. Coventry: mar 31, 1999,pg. 1, retrieved from ProQuest database July 27, 2005.

NCTI Clear speech I-Phone software and NoiseBuster Headset Recognized as Best of CT Expo '98 by Computer Telephony Magazine, Business Wire, New Yprk: April 29,1998, pg. 1, retrieved from ProQuest database July 27, 2005.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Taghi T. Arani whose telephone number is (571) 272-3787. The examiner can normally be reached on 8:00-5:30 Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for

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published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Taghi T. Arani, Ph.D.  
Examiner  
Art Unit 2131  
7/27/2005



Primary Examiner  
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8/11/05